

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

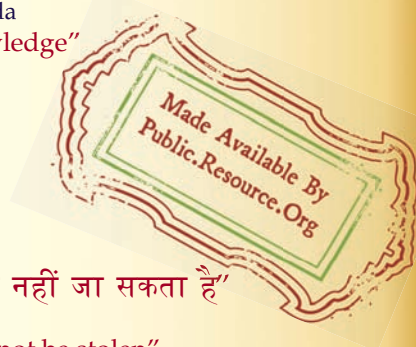
IS 10417 (1983): Equal Cross Coupling Assembly for Oil-Hydraulic Systems [PGD 17: Fluid Power Fittings, Hoses and Hose Assemblies]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

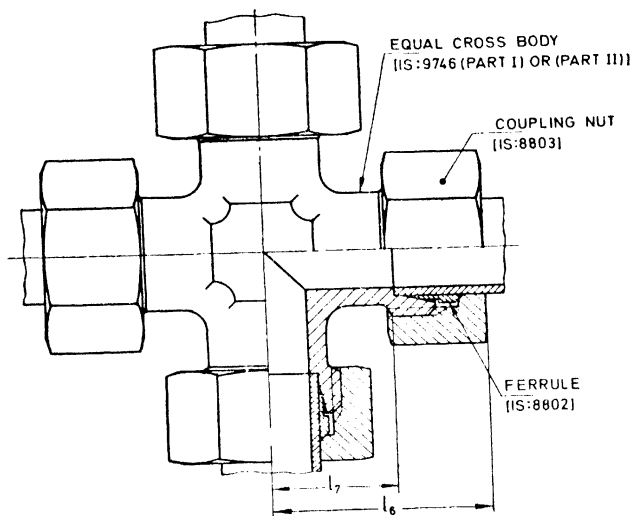
SPECIFICATION FOR EQUAL CROSS COUPLING ASSEMBLY FOR OIL-HYDRAULIC SYSTEMS

1. Scope — Specifies the dimensions and other requirements for equal cross coupling assembly used in oil-hydraulic systems.

2. Dimensions — Shall be as given in Table 1.

TABLE 1 DIMENSIONS FOR EQUAL CROSS COUPLING ASSEMBLY

All dimensions in millimetres.



Series	Outside Dia of Tube	l_6	l_7
Light L	4	21	11.0
	6	27	12.0
	8	29	14.0
	10	30	15.0
	12	32	17.0
	15	36	21.0
	18	40	23.5
	22	44	27.5
	28	47	30.5
	35	56	34.5
Heavy H	42	63	40.0
	6	31	16.0
	8	32	17.0
	10	34	17.5
	12	36	21.5
	14	40	22.0
	16	43	24.5
	20	48	26.5
	25	54	30.0
	30	62	35.5
	38	72	41.0

Adopted 28 January 1983

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Gr 1

IS : 10417 – 1983

3. Assembly Details — An equal cross coupling assembly consists of ferrule, as per IS : 8802-1978 'Ferrules for oil-hydraulic couplings,' coupling nuts as per IS 8803-1978 'Coupling nuts for oil-hydraulic couplings' and an equal cross body as per IS : 9746 (Part I)-1983 'Equal cross body for oil-hydraulic couplings Part I Made from forging' or IS 9746 (Part II)-1981 'Equal cross body for oil-hydraulic couplings Part II Made from barstock'.

4. General Requirements — For details not covered in this standard, reference shall be made to IS 8805 (Part I)-1978 'General requirements for ferrule type couplings used in oil-hydraulic systems Part I General'.

5. Designation — An equal cross coupling of light series L for 6 mm outside diameter and conforming to this standard shall be designated as

Cross Coupling L 6 IS 10417

6. ISI Certification Marking — Details available with the Indian Standards Institution.

EXPLANATORY NOTE

In the preparation of this standard, assistance has been derived from DIN T 2335/2,76 (Entwurf) 'Non-soldering compression fittings with taper bush, complete unions and survey' Deutsches Institut für Normung (DIN)

AMENDMENT NO. 1 JUNE 1988

TO

IS:104 17-1983 SPECIFICATION FOR EQUAL CROSS COUPLING
ASSEMBLY FOR OIL-HYDRAULIC SYSTEMS

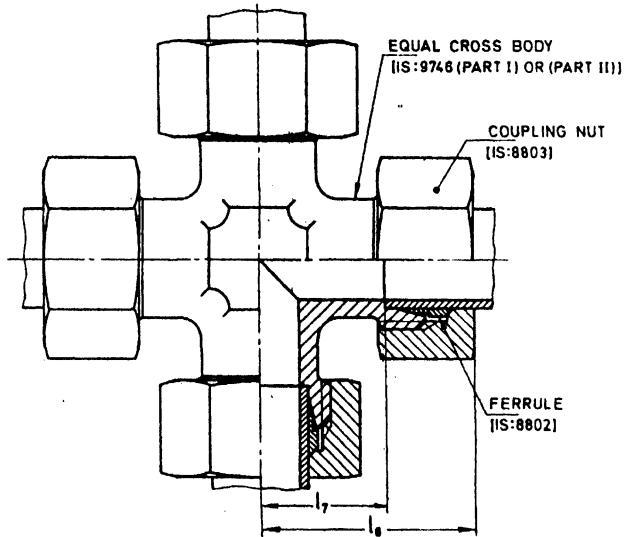
(Page 2, *Explanatory Note*) - Read 'DIN T 2353/76
(Entwurf)' for 'DIN T 2335/2, 76(Entwurf)'.

(EDC 73)

Reprography Unit, BIS, New Delhi, India

AMENDMENT NO. 2 DECEMBER 2002
TO
IS 10417 : 1983 SPECIFICATION FOR
EQUAL CROSS COUPLING ASSEMBLY FOR
OIL-HYDRAULIC SYSTEMS

(Page 1, Table 1, Figure) — Substitute the following for the existing figure:



(BP 17)

Reprography Unit, BIS, New Delhi, India